

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

Claim 1 (amended): A ~~componentware creating method~~ for creating a componentware in which a first componentware and a second componentware, which is adapted to provide to be a reference source ~~for~~ of the first componentware, are linked to each other during loading onto a system, comprising the steps of:

generating the first componentware by replacing a first symbol name, adapted to be referred externally, with a first symbol ID adapted to identify ~~for identifying the~~ first symbol name; and

creating first table data indicative of a relationship between the first symbol name and the first symbol ID;

creating external list data indicative of a relationship between the first symbol name and the first symbol ID;

generating the second componentware by replacing a second symbol name, adapted to be a reference source for the first componentware, ~~referred externally in the second componentware to be the reference source for the first componentware~~ with a second symbol ID,

wherein the second symbol ID is adapted to identify ~~for identifying the~~ second symbol name as a function of the external list data; and;

creating second table data indicative of a relationship between the second symbol name and the second symbol ID.

wherein the first componentware and the second componentwares are linked to each other as a function of ~~based on the symbol ID~~ the first table data and the second table data.

Claim 2 (amended): The componentware creating method according to claim 1, further comprising the steps of:

~~, wherein~~ providing a component ID adapted to identify ~~for identifying the first componentware; and~~

adding the component ID ~~is added~~ to the first componentware,

wherein ~~and~~ the second componentware refers to the first componentware as a function of the ~~based on the component ID and the symbol ID,~~ thereby carrying out the linkage.

Claim 3 (amended): The componentware creating method according to claim 1, further comprising the steps of:

creating a relational list as a function of a ~~indicative of a correspondence relationship of~~ between the first symbol name and the first symbol ID; and ~~when generating the first componentware at the step of generating the componentware to be a referent, when generating the second componentware at the step of generating the componentware to be a reference source,~~

replacing the first symbol name ~~being replaced with the first symbol ID by using the list created at the step of creating a~~ as a function of the relational list.

Claim 4 (amended): The componentware creating method according to claim 3, further comprising the steps of:

deleting a if the symbol ID name is deleted when generating the corresponding symbol name is deleted; and

componentware again, the symbol ID corresponding to the deleted symbol name records, on the list, that the symbol ID corresponding to the deleted symbol name is deleted, and if a adding a new symbol ID when a corresponding new symbol name is added. is to be added, a new symbol ID is added to the new symbol based on the list.

Claim 5 (amended): A recording medium adapted to record ~~recording a~~ componentware ~~to be referred from an external componentware and to be linked during loading in a~~ system, comprising:

the recording medium recording a componentware having a symbol information table in which a symbol name data; and

to be referred externally is replaced with a symbol ID data, adapted to identify corresponding for identifying the symbol name data,

wherein the symbol ID data is described as a function of corresponding symbol location in relation to reference place information about a symbol corresponding to the symbol ID, and as a function of a component ID adapted to identify for identifying a at least a portion of the componentware, itself is described.

wherein particular symbol name data is replaced by corresponding symbol ID data.

Claim 6 (canceled)

Claim 7 (new): The componentware creating method according to claim 1, further comprising the steps of:

determining a source of components of the componentware; and
accessing the components from the source.

Claim 8 (new): The componentware creating method according to claim 7, wherein the source is a secondary source.

Claim 9 (new): The componentware creating method according to claim 1, further comprising the steps of:

determining a deletion of one or more symbols; and
deleting one or more symbol IDs that correspond to the one or more deleted symbols.

Claim 10 (new): A recording medium adapted to record componentware comprising:
a symbol reference information table adapted to store reference component data, a component ID, adapted to identify information for corresponding componentware and a symbol ID, adapted to identify information for corresponding componentware; and

a correspondence data table that determines whether the component ID and the symbol ID correspond to particular reference component data,

wherein an indication of such correspondence is generated when a correspondence is determined and the symbol ID is unique for the particular reference component data, and

wherein the componentware is adapted to be linked to external componentware.